

Appendix B Violation Table

State: West Virginia
Reporting Interval: January 1, 2007 – December 31, 2007

VOLATILE ORGANIC CONTAMINANTS (VOC)

Contaminant		MCL's				Monitoring		
Code	Name	MCL (mg/l)	# of Violations	# of RTC Violations	# of PWSs in Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
2977	1,1-Dichloroethylene	0.007	0	0	0	51	7	34
2981	1,1,1-Trichloroethane	0.2	0	0	0	51	7	34
2985	1,1,2-Trichloroethane	0.005	0	0	0	51	7	34
2980	1,2-Dichloroethane	0.005	0	0	0	51	7	34
2983	1,2-Dichloropropane	0.005	0	0	0	51	7	34
2378	1,2,4-Trichlorobenzene	0.07	0	0	0	51	7	34
2990	Benzene	0.005	0	0	0	51	7	34
2982	Carbon tetrachloride	0.005	0	0	0	51	7	34
2380	Cis-1,2-Dichloroethylene	0.07	0	0	0	51	7	34
2964	Dichloromethane; methylene chloride	0.005	0	0	0	51	7	34
2992	Ethylbenzene	0.7	0	0	0	51	7	34
2989	Monochlorobenzene; Chlorobenzene	0.1	0	0	0	51	7	34
2968	o-Dichlorobenzene	0.6	0	0	0	51	7	34
2969	p-Dichlorobenzene	0.075	0	0	0	51	7	34
2996	Styrene	0.1	0	0	0	51	7	34
2987	Tetrachloroethylene	0.005	0	0	0	51	7	34
2991	Toluene	1.0	0	0	0	51	7	34
2979	Trans-1,2-Dichloroethylene	0.1	0	0	0	51	7	34
2984	Trichloroethylene	0.005	0	0	0	51	7	34
2976	Vinyl chloride	0.002	0	0	0	51	7	34
2955	Xylenes, Total	10	0	0	0	51	7	34
VOC Totals:			0	0	0	1071	147	34

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it is counted no more than once within the population being totaled. So, the sum of NUMER OF PWS's IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

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SYNTHETIC ORGANIC CONTAMINANTS (SOC)

Contaminant		MCL's				Monitoring		
Code	Name	MCL (mg/l)	# of Violations	# of RTC Violations	# of PWSs in Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
2931	1,2-Dibromo-3-chloropropane; DBCP	0.0002	0	0	0	66	8	48
2105	2,4-D	0.07	0	0	0	67	8	49
2110	2,4,5-TP; Silvex	0.05	0	0	0	66	8	48
2054	Alachlor; Lasso	0.002	0	0	0	69	8	51
2050	Atrazine	0.003	0	0	0	68	8	50
2306	Benzo(a)pyrene	0.0002	0	0	0	68	8	50
2046	Carbofuran	0.04	0	0	0	68	8	50
2959	Chlordane	0.002	0	0	0	67	8	49
2031	Dalapon	0.2	0	0	0	66	8	48
2035	Di(2-ethylhexyl) adipate	0.4	0	0	0	68	8	50
2039	Di(2-ethylhexyl)phthalate	0.006	0	0	0	69	8	51
2041	Dinoseb	0.007	0	0	0	66	8	48
2005	Endrin	0.002	0	0	0	66	8	48
2946	Ethylene dibromide (EDB)	0.00005	0	0	0	67	8	49
2010	Gamma-BHC; Lindane	0.0002	0	0	0	68	8	50
2065	Heptachlor	0.0004	0	0	0	68	8	50
2067	Heptachlor epoxide	0.0002	0	0	0	67	8	49
2274	Hexachlorobenzene; HCB	0.001	0	0	0	66	8	48
2042	Hexachlorocyclopentadiene	0.05	0	0	0	68	8	50

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it is counted no more than once within the population being totaled. So, the sum of NUMER OF PWS's IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

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SYNTHETIC ORGANIC CONTAMINANTS (SOC)

Contaminant			MCL's			Monitoring		
Code	Name	MCL (mg/l)	# of Violations	# of RTC Violations	# of PWSs in Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
2015	Methoxychlor	0.04	0	0	0	66	8	48
2036	Oxamyl; Vydate	0.2	0	0	0	68	8	50
2326	Pentachlorophenol	0.001	0	0	0	66	8	48
2040	Picloram	0.5	0	0	0	67	8	49
2037	Simazine	0.004	0	0	0	68	8	50
2383	Total Polychlorinated Biphenyls (PCB)	0.0005	0	0	0	66	8	48
2020	Toxaphene	0.003	0	0	0	66	8	48
SOC Totals:			0	0	0	1745	208	53

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it is counted no more than once within the population being totaled. So, the sum of NUMER OF PWS's IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

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INORGANIC CONTAMINANTS (IOC)

Contaminant			MCL's			Monitoring		
Code	Name	MCL (mg/l)	# of Violations	# of RTC Violations	# of PWSs in Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
1074	Antimony, Total	0.006	0	0	0	17	0	17
1005	Arsenic	0.05	2	2	1	10	1	9
1010	Barium	2.0	0	0	0	18	0	18
1075	Beryllium, Total	0.004	0	0	0	18	0	18
1015	Cadmium	0.005	0	0	0	17	0	17
1020	Chromium	0.1	0	0	0	17	0	17
1024	Cyanide	0.2	0	0	0	18	0	18
1025	Fluoride	4.0	0	0	0	19	0	19
1035	Mercury	0.002	0	0	0	17	0	17
1040	Nitrate	10 (as Nitrogen)	0	0	0	91	2	86
1041	Nitrite	1.0	0	0	0	14	0	14
1045	Selenium	0.05	0	0	0	17	0	17
1036	Nickel	0.1	0	0	0	18	0	18
1085	Thallium, Total	0.002	0	0	0	17	0	17
IOC Totals:			2	2	1	308	3	102

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it is counted no more than once within the population being totaled. So, the sum of NUMER OF PWS's IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

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RADIONUCLIDES CONTAMINANTS (RAD)

Contaminant			MCL's			Monitoring		
Code	Name	MCL (mg/l)	# of Violations	# of RTC Violations	# of PWSs in Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
4000	Gross Alpha, Excl. Radon & U	15.0	0	0	0	50	1	18
RAD Totals:			0	0	0	50	1	18

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it is counted no more than once within the population being totaled. So, the sum of NUMER OF PWS's IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

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TOTAL COLIFORMS (TCR)

Contaminant			MCL's			Monitoring		
Code	Name		# of Violations	# of RTC Violations	# of PWSs in Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
21	MCL, Acute		1	0	1	0	0	0
22	MCL, Monthly		18	2	15	0	0	0
23	Monitoring, Routine Major		0	0	0	397	73	217
25	Monitoring, Repeat Major		0	0	0	28	5	17
TCR Totals			19	2	16	425	78	222

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it is counted no more than once within the population being totaled. So, the sum of NUMER OF PWS's IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

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SURFACE WATER TREATMENT RULE (SWTR)

Contaminant		Monitoring			Treatment Technique		
Code	Name	# of Violations	# of RTC Violations	# of PWSs in Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
31	Monitoring, Unfiltered, Routine/Repeat	0	0	0	0	0	0
36	Monitoring, Filtered, Routine/Repeat	48	2	13	0	0	0
41	Treatment Technique, Filtered	0	0	0	0	0	0
42	Treatment Technique, Unfiltered, Failure to Filter	0	0	0	8	0	8
SWTR Totals:		48	2	13	8	0	8

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it is counted no more than once within the population being totaled. So, the sum of NUMER OF PWS's IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

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INTERIM ENHANCED SURFACE WATER TREATMENT RULE (IESWTR)

Contaminant		Monitoring			Treatment Technique		
Code	Name	# of Violations	# of RTC Violations	# of PWSs in Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
37	Failure to Profile/Consult	0	0	0	1	1	1
38	Monitoring, Routine/Major	0	0	0	0	0	0
43	Treatment Technique, Single Combined Filter Effluent	0	0	0	0	0	0
44	Treatment Technique, Monthly Combined Filter Effluent	0	0	0	0	0	0
IESWTR Totals:		0	0	0	1	1	1

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it is counted no more than once within the population being totaled. So, the sum of NUMER OF PWS's IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

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LEAD AND COPPER RULE (LCR)

Contaminant		Monitoring			Treatment Technique		
Code	Name	# of Violations	# of RTC Violations	# of PWSs in Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
51	Initial Tap Sampling for Pb and Cu	12	2	6	0	0	0
52	Follow-up and Routine Tap Sampling	222	16	122	0	0	0
65	Public Education	0	0	0	6	0	6
LCR Totals:		234	18	124	6	0	6

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DISINFECTION BYPRODUCT RULE (DBPR)

Contaminant		MCLs			Monitoring			Treatment Technique		
Code	Name	# of Violations	# of RTC Violations	# of PWS in Violation	# of Violations	# of RTC Violations	# of PWS in Violation	# of Violations	# of RTC Violations	# of PWS in Violation
2	MCL, Average	59	19	24	0	0	0	0	0	0
27	Monitoring And Reporting Stage 1	0	0	0	95	36	40	0	0	0
12	Treatment Technique- No Certif. Operator	0	0	0	0	0	0	20	0	15
DBP Totals:		59	19	24	95	36	40	20	0	15

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it is counted no more than once within the population being totaled. So, the sum of NUMER OF PWS's IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

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CONSUMER CONFIDENCE RULE (CCR)

Contaminant		Monitoring			Treatment Technique		
Code	Name	# of Violations	# of RTC Violations	# of PWSs in Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
71	CCR Complete Failure to Report	192	49	132	0	0	0
CCR Totals:		192	49	132	0	0	0

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it is counted no more than once within the population being totaled. So, the sum of NUMER OF PWS's IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

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PUBLIC NOTICE RULE (PN)

Contaminant		Monitoring			Treatment Technique		
Code	Name	# of Violations	# of RTC Violations	# of PWSs in Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
75	PN Violation for NPDWR Violation	1578	180	336	0	0	0
PN Totals:		1578	180	336	0	0	0

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STATE SUMMARY

Rule Name		MCLs			Monitoring			Treatment Technique			Consumer Notification		
Rule Type	Chemical Sub-Group	# of Viol s	# of RTC Viols	# of PWS in Viols	# of Viols	# of RTC Viols	# of PWS in Viols	# of Viol s	# of RTC Viols	# of PWS in Viols	# of Viols	# of RTC Viols	# of PWS in Viols
Chem	VOC	0	0	0	1071	147	34	-	-	-	-	-	-
Chem	SOC	0	0	0	1745	208	53	-	-	-	-	-	-
Chem	IOC	2	2	1	308	3	102	-	-	-	-	-	-
Chem	RAD	0	0	0	50	1	18	-	-	-	-	-	-
Chem	Total	2	2	1	3174	359	137	-	-	-	-	-	-
Rule	TCR	19	2	16	425	78	222	-	-	-	-	-	-
Rule	SWTR	-	-	-	48	2	13	8	0	8	-	-	-
Rule	IESWTR	-	-	-	-	-	-	1	1	1	-	-	-
Rule	LCR	-	-	-	234	18	124	6	0	6	-	-	-
Rule	DBP	59	19	24	95	36	40	20	0	15	-	-	-
Rule	CCR	-	-	-	-	-	-	-	-	-	192	49	132
Rule	PN	-	-	-	-	-	-	-	-	-	1578	180	402
Rule	Total	78	21	40	802	134	399	35	1	30	1770	229	534
Grand Totals:		80	23	41	3976	493	384	35	1	27	1770	229	402

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